SEQUENCE LISTING

5   <110> Medizinische Hochschule Hannover

       <120> Adapter zum Ankoppeln einer an einer Zelloberfläche anzukoppelnden
10   Substanz

       <130> MA 7394-01DE
15

       <160> 11
20

       <170> PatentIn version 3.1

25

       <210> 1

       <211> 33

30   <212> DNA

       <213> Artificial Sequence

35
       <220>

       <223> human Coxsackie Adenovirus Receptor (hCAR) 5'-Primer

40   <220>

       <221> misc_recomb

       <222> (3)..(8)
45
       <223> KpnI restriction site

50   <220>

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<221> misc_feature

<222> (9)..(11)

<223> translation start codon of hCAR


<400> 1
gtggtaccat ggcgctcctg ctgtgcttcg tgc                                    33


<210> 2

<211> 42

<212> DNA

<213> Artificial Sequence


<220>

<223> human Coxsackie Adenovirus Receptor (hCAR) 3'-Primer

<220>

<221> misc_recomb

<222> (3)..(10)

<223> NotI restriction site


<220>

<221> misc_feature

<222> (11)..(42)

<223> complementary bases, corresponding to bases 776 to 807 of hCAR (a
      ccession no. NM 001338)


<400> 2
tagcggccgc ctttatttga aggagggaca acgtttagac gc                         42
```

<210> 3

<211> 75

5   <212> DNA

<213> Artificial Sequence

10

<220>

<223> 5'-PCR primer for HIV tat basic region

15   <220>

<221> misc_feature

<222> (36)..(65)

20

<223> "sense" oligonucleotide, corresponding to bases nos. 5518-5547 of
       the HIV genome (accession no. NC 001802)

25

<220>

<221> misc_recomb

30   <222> (4)..(11)

<223> NotI restriction site

35

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<221> misc_recomb

40   <222> (68)..(73)

<223> XbaI restriction site

45

<400> 3

aaagcggccg cggaggagga agtggaggag gaggaggcag gaagaagcgg agacagcgac   60

gaagaggtct agaaa   75

50

<210> 4

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> basic region of HIV tat protein

<400> 4

```
Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1               5                   10
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<210> 5

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> 3'-PCR primer for HIV tat basic region

<220>

<221> misc_feature

<222> (1)..(75)

<223> complementary to pCAR(ex)TAT48-57 5'

<400> 5
tttctagacc tcttcgtcgc tgtctccgct tcttcctgcc tcctcctcct ccacttcctc   60

ctccgcggcc gcttt   75

<210> 6

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<211> 72

<212> DNA

<213> Artificial Sequence


<220>

<223> 5'-PCR primer for 9 Arg peptide

<220>

<221> misc_recomb

<222> (4)..(11)

<223> NotI restriction site


<220>

<221> misc_recomb

<222> (65)..(70)

<223> XbaI restriction site


<220>

<221> CDS

<222> (36)..(62)

<223> oding for 9 Arg ("RRRRRRRRR")


<400> 6
aaagcggccg cggaggagga agtggaggag gagga cgt cgc cga cgg aga agg      53
                                       Arg Arg Arg Arg Arg Arg
                                        1               5

aga cgt aga ggtctagaaa                                            72
Arg Arg Arg
```

```
     <210>  7

 5   <211>  9

     <212>  PRT

     <213>  Artificial Sequence
10


     <220>

15   <223>  5'-PCR primer for 9 Arg peptide

     <400>  7

     Arg Arg Arg Arg Arg Arg Arg Arg Arg
20   1                   5


     <210>  8

25   <211>  72

     <212>  DNA

     <213>  Artificial Sequence
30


     <220>

35   <223>  3'-PCR primer for 9 Arg peptide

     <220>

     <221>  misc_feature
40
     <222>  (1)..(72)

     <223>  complementary to pCAR(ex)-9xArg 5'

45

     <400>  8
     tttctagacc tctacgtctc cttctccgtc ggcgacgtcc tcctcctcca cttcctcctc     60

50   cgcggccgct tt                                                         72
```

```
<210>  9

<211>  80

<212>  DNA

<213>  Artificial Sequence


<220>

<223>  5'-PCR primer for antennapedia homeobox-protein fragment

<220>

<221>  misc_recomb

<222>  (3)..(10)

<223>  NotI restriction site



<220>

<221>  misc_recomb

<222>  (73)..(78)

<223>  XbaI restriction site



<220>

<221>  misc_feature

<222>  (23)..(70)

<223>  partial coding sequence of Euprymna scolopes antennapedia homeodo
       main protein (accession no.: AY052758), coding for amino acids 62
       -77


<400>  9
aagcggccgc ggaggaggag gaagacagat caaaatatgg ttccaaaacc ggcgcatgaa        60

atggaagaaa ggtctagaaa                                                    80
```

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<210> 10

5   <211> 16

<212> PRT

<213> Artificial Sequence

10

<220>

15   <223> antennapedia homeobox protein fragment from Euprymna scolopes

<400> 10

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
20 1   5   10   15

<210> 11

25 <211> 80

<212> DNA

<213> Artificial Sequence

30

<220>

35 <223> 3'-PCR primer for antennapedia homeobox-protein fragment

<220>

<221> misc_feature
40
<222> (1)..(80)

<223> complementary to pCAR(ex)-AntP62-77 5'

45

<400> 11
tttctagacc tttcttccat ttcatgcgcc ggttttggaa ccatattttg atctgtcttc   60

50 ctcctcctcc gcggccgctt   80